

# ATRAXIONS

AVIATION & LOGISTICS WEIGHING TECHNOLOGY NEWS

Trusted in over 80 countries worldwide

## Atrax Group NZ Ltd is the world leader

in the design, manufacture, integration and support of a full range of approved Weighing, Volumetrics Measurement and Material Handling Control Systems for the Aviation & Logistics industries.

The majority of Atrax branded product comprises of Baggage, Cargo and Express Courier weighing technology solutions which are in operation in over 80 countries worldwide. Atrax, the name you can trust.



Ian Walton  
Vice President  
Aviation and logistics

“In our ongoing effort to further improve our offering, the latest part of our organisation to benefit from increased investment, is Research and Development. This includes more dedicated manpower as well as a significant upgrade in lab facilities, test equipment and a range of new tools and devices from digital microscopes to precision calibration masses. R&D is a high priority at Atrax. What’s more it’s treated as a company wide initiative, we’re all involved. My belief is that’s the way it has to be for us to stay ahead of the game and to retain our customers good favour.”

## RVSS – Rotating Volume Scanner System Fast, accurate and an unbeatable ROI

The dynamic new RVSS is a real problem solver in the shipping and logistics industries. And one of the biggest problems it solves arises from customers registering smaller than actual package volumes in order to obtain cheaper freight charges.

The RVSS accurately measures small, medium and large static objects such as would be found in a postal service, on pallets and in air cargo and materials handling situations. It automatically measures any objects shape in terms of height, length and width of the smallest enclosing cuboid.

The single structural pillar results in more free space on the floor, in addition the RVSS can be suspended from the roof structure thereby increasing floor space even further. The simple rotating rod mechanism employed offers unbeatable mechanical reliability.

The high-tech dual head rotating volume scanner, using eye safe laser technology, is mounted onto a rotating support rod which is located above an optional floor mounted weighing scale. In just a few seconds the maximum



dimensions of the goods are measured and weighed and the data forwarded to the central computer. A new barcode may also be printed and applied at the same time containing the precise information you want.

With a minimum object size of just 200mm x 200mm x 200mm and a maximum of 3m x 3m x 3m the RVSS is versatile enough to handle

virtually any measuring task and any object surface. The machine is also scalable and can be extended if future needs change. With a return on investment that can often be measured in days rather than years, the RVSS will ensure your profits stay where they belong. And that just might prove a real problem solver for you too!

## PTE London a real winner plus a bonus!

According to Atrax’s Ian Walton, the Passenger Terminal Expo in London was “The best show we’ve ever done.” Citing the high calibre of visitors as well as the sheer numbers involved,



Ian was pleased to catch-up with all the major players in the industry and to generate lots of new proposals and other follow-up work.

Joined by Atrax CEO Kevin Maurice, the two intrepid travellers worked side by side manning their exhibition stand and sharing their coffee. They even made time for a few pints of London’s finest amber liquid. And the bonus? During a meeting with the British Airport Authority, new approvals were granted for Atrax products to be used in BAA facilities. Good show chaps!

## Project Destinations...Uruguay, Oman, Bulgaria & more



You’ll find Atrax branded aviation weighing products all over the world for one primary reason ... trust. Atrax baggage and cargo scales are well proven, Approved, reliable, fully supported and of course very cost effective.

And that all adds up to trust, the kind of trust that results in an ongoing stream of projects from Uruguay to Bulgaria and beyond.

And our sincere thanks to all our valued customers who make it possible for us to supply these and all our other projects.

India	Delhi	178 x ABS960 scales
UAE	Dubai	13 x ABS960 scales
Uruguay	Montevideo	38 x ABS960 scales
Oman	Oman	1 x ABS960 scales
Saudi Arabia	Ha’il	5 x ABS960 scales
South Africa	Durban	72 x ABS960 scales
Australia	Amberley	2 x ABS960 scales
Thailand	Chiang Rai	8 x ABS960 scales
Romania	Bucharest	54 x ABS960 scales
Australia	Kalgoorlie-Boulder	10 x ABS960 scales
Australia	Collangatta	36 x ABS960 scales
Australia RAAF	Edinburgh	1 x ABS960 scales
Bulgaria	Plovdiv	10 x ABS960 scales
Romania	Cluj	26 x ABS960 scales

# Atrax People ..... Geoff Maurice Research & Development Engineering Manager

**Geoff Maurice is something of an institution at Atrax** with nearly a decade and a half of loyal service with the organisation. He describes his prior roles in the company as "everything". Technician, Service Manager, Production Manager and Engineering Manager.

Before joining Atrax Geoff spent almost 10 years as an Avionics Technician with the Royal New Zealand Air Force during which time he received a commendation for his R&D work on voice encryption devices. Now completing the full circle Geoff is once again at the cutting edge of research and development.

Geoff is very enthusiastic about this current role within Atrax. "I'm an R&D man at heart so I'm able to do what I love to

**do and that's to improve what we've got and to innovate by developing new solutions, products and systems. It's a fantastic challenge and I mean it when I say it's fun".**



During his spare time ("about 2 hours per week") Geoff likes to avoid sport and instead "designs & builds things" In a concession to sporting and recreational activity Geoff commented "I used to like diving but had to give it away when the zip in my wetsuit wouldn't stay up". You're not on your own Geoff!

## Insight into Weights and Measures Regulations

**Complying with Weights and Measures Regulations around the world** is critical for Atrax to be able to conduct business on an international basis. It's something that's 'part and parcel' of our product offering and something we take very seriously.



**Most countries have some form of** Government controlled Weights and Measures Department responsible for ensuring that 'trade is conducted on the basis of fair and accurate measure'. Usually such departments have two distinct areas of responsibility. Enforcement/Equipment Approval and Standards Maintenance.

**Weights and measures regulations normally require** a scale to be approved by the Government testing laboratory and to issue what is commonly referred to as 'Type Approval' or 'Trade Approval' for equipment used for trade applications. Once a machine is 'Type Approved' each individual machine is also tested for compliance to calibration accuracy standards.

**The majority of countries** around the world have adopted the OIML standards as the basis for their Weights and Measures Regulations. OIML originated in Europe and has a committee comprising a number of countries including most of Europe, many parts of Asia, Australia, New Zealand and Canada. OIML standards are widely recognised as being more stringent than other international standards.

**Independent and approved inspection organisations** and test laboratories have also been established in some countries. Approval organisations include UKAS (UK), AZLA (USA), HOKLAS (H.K), IANZ (N.Z), RvA (The Netherlands), NATA (Australia) SINGLAS (Singapore), amongst others. All these organisations have Mutual Recognition Agreements in place which means they accept that any lab accredited by one of these bodies operates to the same exacting standards.

**The use of an approved organisation** to test and approve weighing equipment provides the scale owner with the most comprehensive protection and assurance that the equipment is fully approved, correctly calibrated and performing to specification. There is no serious alternative to this approach.

**For more information** on Weights and Measures regulations in any country, please give Atrax a call.

## Poetry 'In Motion'

Atrax has supplied a number of dynamic weighing units equipped with the latest 'In Motion' software as part of a massive freight sorting and automation project.

The project was undertaken for Express Couriers Ltd, a joint venture of NZ Post and DHL, with design and build carried out by BCS in New Zealand.

The system, housed in a 19,500m<sup>2</sup> facility, automatically sorts 18,000 items per hour as well as providing automated scanning and weighing. It is New Zealand's only high speed courier parcel sorting system but no doubt not the last.



Atrax also supplied static weighing equipment, with baldeck platform for 'slide-on/ slide-off' movement of parcels.

And what about poetry 'In Motion'? Well, with 18,000 items per hour whizzing by, there must be a book of poetry in there somewhere!

## AAAE Expo Philadelphia 14-17 June 09

This event will be the AAAE's 81st annual conference and expo so they must be getting it right! With visitor numbers consistently exceeding 2,500 aviation industry professionals, The theme is 'Life, Liberty and the Pursuit of Aviation' now that's a theme that really rings our bell. So we'll be there!

it's a show not to miss.



**Need help or more information?**

Please call Ian Walton

DDI: +64 9 526 9637

Mobile: +64 21 733 276

Email: i.walton@atraxgroup.com

# ATRAX

AVIATION & LOGISTICS WEIGHING TECHNOLOGY

Trusted in over 80 countries worldwide

**ATRAX GROUP NZ LIMITED**

**Worldwide Headquarters**

PO Box 11087 Ellerslie,

390a Church Street, Penrose

Auckland, New Zealand

Phone +64 9 634 5337

[www.atraxgroup.com](http://www.atraxgroup.com)